

STTR FY03 PH I By Company

COMPANY	TOPIC	TITLE
-9 2 -6.LLC	ARMY03-T10	Planar Microfluidic Membraneless Fuel Cells
Access Bio, Inc.	ARMY03-T28	Production of Ready-to-use DNA-based Diagnostics Kit for Dengue Virus Detection
ACTA Incorporated	ARMY03-T03	Advanced Computational Algorithms for Simulating Weapon-Target Interaction
Agentase LLC	ARMY03-T14	Improved Kit for Chemical Detection
BIOSAFE INC.	ARMY03-T12	Biocidal Textiles for Soldier Protection and Homeland Defense
Calabazas Creek Research, Inc.	ARMY03-T07	High Frequency MEMS-based TWTS using Novel Interaction Circuits and Beam Sources
CFD Research Corporation	ARMY03-T22	NOVEL MICROFLUIDIC BASED BIO-INSPIRED BATTERY
Custom Manufacturing & Engineering, Inc.	ARMY03-T18	Remote Detection of Riverine Traffic
Foster-Miller, Inc.	ARMY03-T13	Inducible Surface Hydrophobicity of Microbial Consortia for Biofilm Remediation
INI Power Systems Inc.	ARMY03-T10	Membraneless Microchannel Fuel Cells
Intelligent Automation, Inc.	ARMY03-T08	Using Evolving Curves to Track Dynamic Boundaries
Luna Innovations Incorporated	ARMY03-T12	Development of Textiles with Antimicrobial Properties
Lynntech, Inc.	ARMY03-T22	Metabolic Bio-inspired Batteries
Lynntech, Inc.	ARMY03-T27	A Portable and Rugged Base-Deficit Monitor
Manning Applied Technology	ARMY03-T20	Optimal Bioaerosol Sampler
Materials Technologies Corporation	ARMY03-T14	Color-Based PolyOxoMetalate Cellulosic Detector Strips for Chemical Warfare Agents
Mayflower Communications Company, Inc.	ARMY03-T05	Short-Range High Data Rate Mobile Wireless Communications System
Medergy, Inc.	ARMY03-T15	Mitochondrial Functional Proteomics
Microwave Technologies Incorporated	ARMY03-T07	Miniature W-band Dielectric Traveling-Wave Tube
Migma Systems, Inc.	ARMY03-T09	New SVM Hierarchical Classifier Fusion
MitoKor Inc.	ARMY03-T15	Mitochondrial Functional Proteomics
MSE Technology Applications, Inc.	ARMY03-T13	Biofilm Remediation for Restoration of Contaminated Army Sites.
Nano Science Diagnostics Inc.	ARMY03-T24	Receptor-Conjugated Nanoparticles for Fluorescent Biowarfare Agent Detection and Microwave-Assisted Neutralization in Buildings
Nanomat, Inc.	ARMY03-T24	Nanocapsule Coatings Utilizing Biomolecules to Detect and Nano MgO-Cl ₂ adduct to Neutralize the Biological Agents
Nekton Research LLC	ARMY03-T08	Dynamic Perimeter Surveillance by Swarms of Small Robotic Vehicles
NextGen Aeronautics	ARMY03-T04	Piezo-Hydraulic Actuation System Technologies (PHAST)
OphUS	ARMY03-T06	Plasma Wave Electronics
ParaSym	ARMY03-T03	Next generation Computational Algorithms for the Virtual Testing of Military Systems for Survivability and Design Studies
PartTec, Ltd.	ARMY03-T16	Instrumental Probes for Properties of Nano-structures in Polymer Matrices.
Quantum Applied Science and Research Inc.	ARMY03-T17	Wearable Electrophysiologic Sensor Suite for Detection of Neurotoxic Effects
Scientific Systems Company, Inc	ARMY03-T02	Advanced Computational Algorithms for Nonlinear Filtering for Real Time Environment
Seashell Technology LLC	ARMY03-T19	Narrow-Band Infrared Obscurants for Survivability
Seashell Technology LLC	ARMY03-T21	Obscurant Dissemination
Sensor Electronic Technology, Inc.	ARMY03-T06	Plasma Wave Electronics
Sentor Technologies Inc.	ARMY03-T25	A Portable Electrospray-Based Air Sampler Incorporating a Fluorescent Assay
Sonalysts, Inc.	ARMY03-T01	The Virtual Observer/Controller (O/C) --- Intelligent Coaching in Dismounted Warrior Simulations

Srico, Inc.	ARMY03-T23	Efficient Frequency Conversion and Optical Amplification to Improve Detection of Chemical and Biological Agents
Surface Optics Corporation	ARMY03-T11	Enhanced Backscattering of Electromagnetic Radiation for Target Tracking
Techno-Sciences, Inc.	ARMY03-T02	Numerical Methods for Nonlinear Filtering
Techno-Sciences, Inc.	ARMY03-T04	Augmented Actuation Devices for Adaptive Structures
WaveBand Corporation	ARMY03-T18	Multisensor Traffic Monitor Supported by Advanced Processing and Location Logistics